HISTORIC AMERICAN ENGINEERING RECORD INDEX TO PHOTOGRAPHS

77-NORV.4.

VIRGINIA DEPARTMENT OF TRANSPORTATION BRIDGE No. 6023 Spanning the Norfolk Southern Corporation railroad tracks at State Route 646 (Aden Road) Nokesville Vicinity Prince William County Virginia

HAER NO. VA- 109

Photographer (Views 1-22):	P.A.C. Spero & Company June 1994 James DuSel	
DEPARTMENT OF TRA	ROM SOUTHWEST, SHOWING VIRGINIA ANSPORTATION BRIDGE NO. 6023 CARRYING (ADEN ROAD) OVER NORFOLK SOUTHERN	
DEPARTMENT OF TRA	ROM NORTHEAST, SHOWING VIRGINIA ANSPORTATION BRIDGE NO. 6023 CARRYING (ADEN ROAD) OVER NORFOLK SOUTHERN	
	MWEST, SHOWING VIRGINIA DEPARTMENT OF RIDGE NO. 6023 CARRYING STATE ROUTE 646 RAILROAD TRACKS	
DEPARTMENT OF TRA	ROM SOUTHEAST, SHOWING VIRGINIA ANSPORTATION BRIDGE NO. 6023 CARRYING DEN ROAD) OVER RAILROAD TRACKS	
VA- 109 -5 SOUTHWEST ELEVAT	TION	
VA- 109 -6 NORTHEAST ELEVAT	ION	
(continued)		

Index to Photographs
VIRGINIA DEPARTMENT OF TRANSPORTATION BRIDGE NO. 6023
HAER NO. VA- 109
(Page 2)

VA- 109	-7	OBLIQUE VIEW, SOUTHWEST ELEVATION, SHOWING TRUSS CONFIGURATION OF BRIDGE NO. 6023, INCLUDING VERTICALS, INCLUDING ENDPOSTS, DIAGONALS AND SOUTHEAST PORTAL
VA- 109	-8	NORTHWEST PORTAL AND DECK VIEW, FROM NORTHWEST, SHOWING INCLINED ENDPOSTS, THROUGH TRUSSES, NORTHWEST PORTAL STRUT, AND OVERHEAD BRACING
VA- 109	-9	SOUTHEAST PORTAL AND DECK VIEW, FROM SOUTHEAST, SHOWING INCLINED ENDPOSTS, THROUGH TRUSSES, SOUTHEAST PORTAL STRUT, AND OVERHEAD BRACING
VA -109	-10	OBLIQUE VIEW, NORTHWEST PORTAL, FROM NORTH, SHOWING INCLINED ENDPOSTS, NORTHWEST PORTAL STRUT, OVERHEAD BRACING, VERTICALS OF SOUTHWEST TRUSS PANELS, SOUTHWEST RAILING, AND TIMBER DECK
VA -109	-11	OBLIQUE VIEW, SOUTHEAST PORTAL, FROM SOUTH, SHOWING INCLINED ENDPOSTS, SOUTHEAST PORTAL STRUT, OVERHEAD BRACING, VERTICALS OF NORTHEAST TRUSS PANELS, AND NORTHEAST RAILING
VA- 109	-12	VIEW, NORTHWEST PORTAL, FROM SOUTHEAST, SHOWING TOP CHORD, VERTICALS, NORTHWEST PORTAL STRUT, UPPER CHORD, LATERAL STRUT AND BRACING, TIMBER RAILING, AND TIMBER DECK
VA- 109	-13	DETAIL, CENTER PANEL OF NORTHEAST TRUSS, FROM WEST, SHOWING VERTICALS (U_3 - L_3 AND U_2 - L_2), PORTION OF TOP CHORD, DIAGONAL EYEBAR RODS, PORTION OF TIMBER RAILING, TIMBER CURB, AND TIMBER DECK

(continued)

Index to Photographs
VIRGINIA DEPARTMENT OF TRANSPORTATION BRIDGE NO. 6023
HAER NO. VA-109 (Page 3)

VA- ¹⁰⁹ -14	SOUTHEAST PORTAL, FROM SOUTHEAST, SHOWING INCLINED ENDPOSTS, SOUTHEAST PORTAL STRUT, BRIDGE PLATE, AND OVERHEAD STRUTS AND BRACING
VA- 109 -15	DETAIL, U_4 AND U_3 PIN CONNECTIONS (NORTHEAST TRUSS) FROM BELOW AND SOUTH, SHOWING INCLINED SOUTHEAST PORTAL ENDPOST U_4 - L_5 , HIP VERTICAL U_4 - L_4 , VERTICAL POST U_4 - L_3 , EYEBAR DIAGONAL U_4 - L_3 , COUNTER U_3 - L_2 , PORTION OF SOUTHEAST PORTAL STRUT AND QUARTER-CIRCLE BRACING, BRIDGE PLATE, AND UPPER LATERAL STRUT AND BRACING
VA- 109 -16	DETAIL, TYPICAL VERTICAL MEMBER (NORTHEAST TRUSS $\rm U_3$ - $\rm L_3$), SHOWING LACING BARS AND CHANNELS AND TURNBUCKLES ON COUNTER $\rm U_2$ - $\rm L_3$
VA- 109 -17	DETAIL, L $_2$ AND L $_1$ CONNECTIONS (NORTHEAST TRUSS) FROM EAST AND BELOW, SHOWING PIN CONNECTION AT L $_2$ AND RIVETED CONNECTION AT L $_1$, BOTTOM CHORD, FLOOR BEAMS, TIMBER STRINGERS, TIMBER DECK, AND LATERAL BRACING
VA- 109 -18	VIEW, UNDERSIDE OF DECK, FROM SOUTHEAST AND BELOW, SHOWING STRUCTURAL CONFIGURATION, INCLUDING PIN AND RIVET CONNECTIONS OF VERTICAL TRUSS MEMBERS TO LOWER CHORD, TRANSVERSE FLOOR BEAMS, TIMBER STRINGERS, TIMBER DECK, AND CONCRETE AND TIMBER NORTHWEST ABUTMENT
VA- 109 -19	DETAIL, SOUTHEAST ABUTMENT, FROM NORTH, SHOWING CONCRETE AND TIMBER ABUTMENT, WITH PORTION OF SUPERSTRUCTURE
VA- 109 -20	DETAIL, NORTHWEST ABUTMENT, FROM EAST, SHOWING CONCRETE AND TIMBER ABUTMENT, WITH PORTION OF SUPERSTRUCTURE

Index to Photographs
VIRGINIA DEPARTMENT OF TRANSPORTATION BRIDGE NO. 6023
HAER NO. VA- 109 (Page 4)

VA- ¹⁰⁹ -21	DETAIL, L_0 JOINT (SOUTHWEST TRUSS), FROM WEST, SHOWING FIXED SUPER-STRUCTURE BEARING AT NORTHWEST ABUTMENT
VA- 109 -22	DETAIL, FROM SOUTHEAST, SHOWING BRIDGE PLATE, SOUTHEAST PORTAL STRUT, AND UPPER LATERAL BRACING